**Being Zero Factorial Queries**

Print Factorial of Given Number % 109+7

**Input Format**

Line 1: Integer T - Number of test cases.  
Next T Lines contain One Integer N Per Line.

**Constraints**

1 <= T <= 105  
0 <= N <= 105

**Output Format**

For each test case, print a separate line of ouput. Print Factorial of N! MOD 109+7

**Sample Input 0**

4

0

1

2

5

**Sample Output 0**

1

1

2

120

#include <cmath>

#include <cstdio>

#include <vector>

#include <iostream>

#include <algorithm>

using namespace *std*;

int main() {

/\* Enter your code here. Read input from STDIN. Print output to STDOUT \*/

*ios\_base*::*sync\_with\_stdio*(false);

*cin*.*tie*(*NULL*);

long long int mod = 1000000007;

long long int factArr[100001]; factArr[0] = 1;

for (auto i = 1; i <= 100000; i++)

{

factArr[i] = factArr[i - 1] \* i % mod;

}

int t; *cin* >> t;

while (t--)

{

int num; *cin* >> num;

*cout* << factArr[num] << "\n";

}

return 0;

}